

Ashfield Hotel

Saving water, money & the environment

Background

The Ashfield Hotel is located in Liverpool Road, Ashfield. The hotel has three public bars, one bistro and a gaming room.



Water conservation approach

In early November 2001, the management of the Ashfield Hotel approached Sydney Water for assistance to identify ways to use water more efficiently. Management suspected that "the hotel was using too much water". Through the **Every Drop Counts Business Program**, Sydney Water arranged a water audit to identify the areas of water wastage and to recommend actions for improvement.

After implementing the actions, water usage decreased by 36% from almost 45 kilolitres per day to 29 kilolitres per day.



The initial costs and projected savings are:

Initial capital outlay:	\$1,300
Projected water savings:	5,800 kilolitres per year
Projected cost savings:	\$11,600 per year (water & sewer usage charges)
Payback period:	1 month

Being smart with water makes good business sense





Leakage detection

The hotel has six toilets, with the men's toilets equipped with a combination of single stall and trough urinals. Water usage monitoring, via a data logger attached to the property's main water meter, identified continuous water usage considerably higher than expected. Further investigation found that the urinals were experiencing significant water loss due to continuous flushing. A calibration error in the automated sensor controls, which control flushing in the urinals was found to be the reason. The problem was rectified, saving unnecessary water wastage.

In addition, the auditors found that flush cisterns in the toilets located in the old section of the hotel were overflowing continuously. As the toilets were not being used, the watermain to the cisterns was isolated, preventing water wastage.

On-going water conservation efforts

Hotel management also implemented more efficient cleaning practices for the kitchen and advised cleaning staff to be aware of unnecessary water wastage.

Sydney Water provided staff at the Ashfield Hotel with a range of fact sheets containing simple ways to help save water and money and to increase awareness of water conservation.